

Variable Speed Pump Control

a 60 Minute Crash Course by Power Control Products

Mechanical Refresher

- speed
- torque
- power

Load Types

- constant torque
- variable torque

Pumping Loads

- centrifugal pumps
 - standard pumps
 - submersible pumps
- positive displacement pumps

Electric Motors

- catalogue data
- performance curves
- DOL characteristics

Variable Speed Drives

- what they are
- how they work
- how to use them
- understanding ratings

Equipment Selection

- load details
 - power & speed
 - starting torque
- motor selection
- drive selection
- unusual operating conditions

Commissioning & Fault Finding

- call Michael or Keith!